QR Ladybird V2 User Manual

1.0 DEVO-4 Transmiter Reverse Switch setting

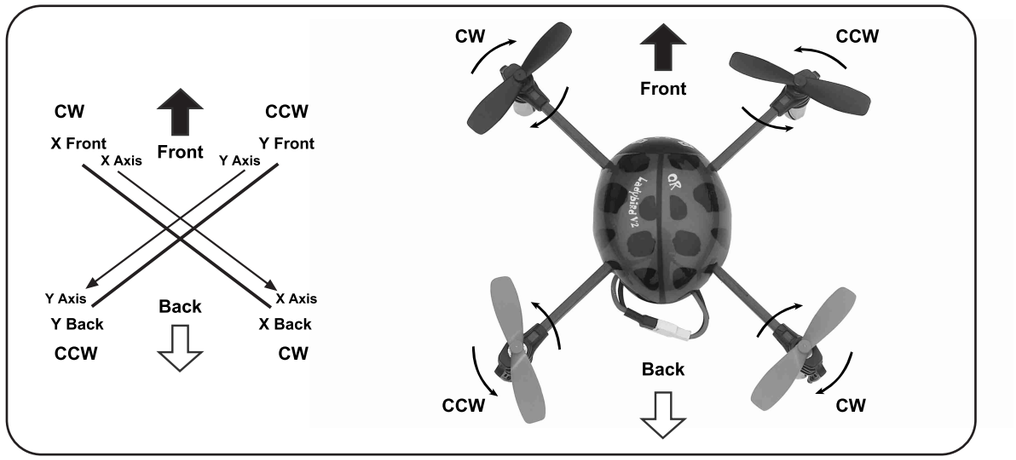
Switch position remark:

Switch turns right, at "ON" position , means Reverse. Switch turns left, means Normal.

ELEV	Normal
AILE	Normal
THRO	Normal
RUDD	Normal

2.0 Additional Instruction

(1) The front propellers are in black color while the rear propellers are in Orange.



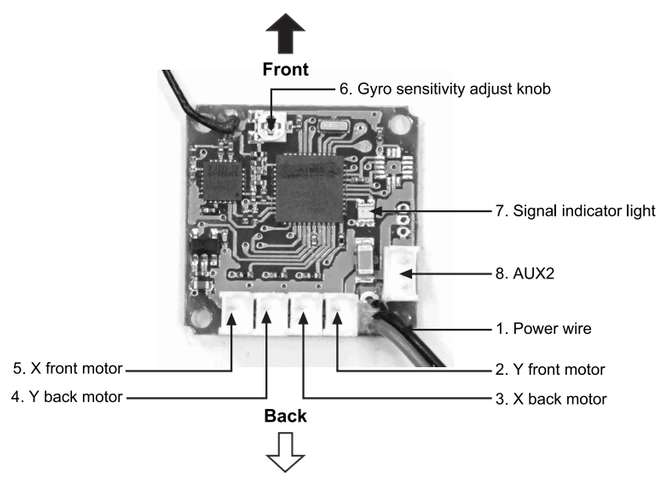
(2) After connectting the power of the QR Ladybird V2, please check the propellers rotation direction, X front/ X back propellers rotate CW, Y front/ Y back propellers rotate CCW.

(3) You can adjust the radio trim button (except the throttle trim) if the quadcopter flight drift.

3.0 RX2643H-D receiver features

(1) Receiver RX2643H-D adopts 2.4G spread spectrum technology with the functions of automatic scanning, code pairing and LED receiving indication.

(2) Integrated design of 3-Axis gyro and abitude control provides precise locating in air.



3.1 Function of receiver

S/N	Name for short	Full name	Function
1	**Power wire**	Connect to the lipo battery.	
2	**Y front motor**	Connect to the Y front motor wire.	Terminal is facing right.
3	**X back motor**	Connect to the X back motor wire.	Terminal is facing right.
4	**Y back motor**	Connect to the Y back motor wire.	Terminal is facing right.
5	**X front motor**	Connect to the X front motor wire.	Terminal is facing right.
6	**Gyro sensitivity adjust knob**	Adjust the gyro sensitivity of the front/back /left/right /tail.	
7	**Signal indicator light**	Show the bind status.	
8	**AUX2**	AUX2. Plug in the bind plug to clearance the ID memory.	Terminal is facing left.

3.2 Flight Modes switches of the Receiver

Note: Please strictly refer to below operations.

(1) Push the thottle stick to the lowest position, turn on the radio and connect the UFO battery, then comes to the code pairing status. Turn off the UFO battery after code pairing successfully. Then push the thottle stick to the top position and connect the UFO battery, then comes to the code pairing status again. The receiver indicator will flash between red and green alternately after code pairing successfully. That's the flight mode switch status.

2. Turn on the transmitter
3. Turn on the radio and connect the UFO battery, then come to the code pairing status.
4. After code pairing successfully, turn off the UFO battery
6. Connect the UFO battery then comes to the code pairing status again.
7. After code pairing successfully, the receiver indicator will flash between red and green alternately.

(2) Under the Flight Modes switch status, turn the Elevator stick up and down four times or above to enter Flight Modes switch (finish in 2 seconds).It is in Normal Flight mode when the red indicator turns solid, and it's in Roll Flight mode when the green indicator turns solid.

1. Pull the Elevator stick up and down four times or more (finish in 2 second)
2. It is in Normal Flight mode when the red indicator turns solid, and it's in Roll Flight mode when the green indicator turns solid.
(The Flight Mode can be changed)

(3) After choose the Flight Mode, push the throttle stick at the lowest position,then flight available.

3.3 Adjustment of receiver

(1) Receiver LED indicator: Quick flashing indicates the reception of a new signal; a solid light means connection is completed successfully; slow flashing indicates failure to receive a signal, please disconnect and reconnect the battery.

(2) Adjust knob of the gyro: CW rotating increase the sensitivity of the Gyro,CCW rotating decrease the sensitivity of the Gyro. The default setting is Middle,generally there is no need to trim.

(3) Clear fix ID in receiver: Insert plug terminal into AUX2 channel on receiver to clear fix ID memory and disconnect plug terminal when the indicator on receiver start to flash.